

THE HANFORD SITE

This is a message from the U.S. Department of Energy

Washington Administrative Code Chapter 173-303, "Dangerous Waste Regulations," requires the U.S. Department of Energy (DOE) and its contractors (as permittees) to notify the Hanford email list about changes to the Hanford Facility Resource Conservation and Recovery Act Permit, Dangerous Waste Portion, Revision 8C, for the Treatment, Storage, and Disposal of Dangerous Waste, WA7890008967 (Sitewide permit). The purpose of this notice is to fulfill the notification requirement.

The Sitewide permit changes associated with this notice are categorized as Class 1 modifications. Class 1 modifications are considered minor and do not require a public comment period.

The modifications described in this notice affect the following portions of the permit:

Parts I and II, Standard and General Facility Conditions: This portion of the permit describes standard and general conditions applicable to work activities conducted at Hanford. It also provides background information about the permit and permittees/co-operators. Changes were made to unit-group names, contractor information, and section numbering. The modification tracking numbers are PCN-HFSW-2021-01 and PCN-HFSW-2021-02. The modification information is available for review in the DOE Administrative Record at <https://pdw.hanford.gov/document/AR-16295> and <https://pdw.hanford.gov/document/AR-16296>.

Attachment 4A, Building Emergency Directors / Building Wardens: This portion of the Sitewide permit provides names of qualified building emergency directors and building wardens and identifies emergency response plan locations. Changes were made to Table 4A-1. The modification tracking number is PCN-4A-2021-03. The modification is available for review in the DOE Administrative Record at <https://pdw.hanford.gov/document/AR-16293>.

Part III, Liquid Effluent Retention Facility and 200 Area Effluent Treatment Facility (Operating Unit Group 3): These facilities store and treat liquid waste in Hanford's 200 East Area. The liquid waste includes process condensate from the 242-A Evaporator and other liquid waste generated from Hanford cleanup activities. Liquid waste from the Liquid Effluent Retention Facility is pumped to the 200 Area Effluent Treatment Facility for treatment to remove contaminants. The liquid effluent from the Effluent Treatment Facility is then discharged to a state-approved land disposal site north of the 200 West Area, in the central part of the Hanford Site. Changes were made to the "Unit Specific Conditions." The tracking number for the modification is PCN-LERF/ETF-2021-03. The modification is available for review in the DOE Administrative Record at <https://pdw.hanford.gov/document/AR-16305>.

242-A Evaporator (Part III, Operating Unit Group 4): The 242-A Evaporator is a waste treatment and storage unit located in Hanford's 200 East Area. The facility treats mixed waste from Hanford's double-shell tank waste storage system to reduce waste volume by removing water and most volatile organic chemicals through an evaporation process. Changes were made to the "Unit Specific Conditions" and Chapter 4. The modification tracking numbers are PCN-242-A-2021-02 and PCN-242-A-2021-03. The modifications are available for review in the DOE Administrative Record at <https://pdw.hanford.gov/document/AR-16278> and <https://pdw.hanford.gov/document/AR-16280>.

Part III, 325 Hazardous Waste Treatment Units (Part III, Operating Unit Group 5): This building treats and stores dangerous waste associated with Pacific Northwest National Laboratory's 300 Area facilities. Changes were made to the "Unit Specific Conditions" and Addendum J. The tracking number for this modification is PCN-325-2021-01. The modification is available for review in the DOE Administrative Record at <https://pdw.hanford.gov/document/AR-16292>.

Part III, Waste Treatment and Immobilization Plant (Operating Unit Group 10): This plant, located in Hanford's 200 East Area, will immobilize Hanford tank waste within a glass matrix. Changes were made to the "Unit Specific Conditions, the Part A form, Chapters 4, 4G, 4H, and 4I. Changes were also made to Appendices 1.5, 9.1, 9.2, 9.6, 10.2, 10.4, 10.6, 12.4, and 13.2. The modifications are available for review in the DOE Administrative Record at the following online locations:

- 24590-BOF-PCN-ENV-20-001: <https://pdw.hanford.gov/document/AR-15127> and <https://pdw.hanford.gov/document/AR-15928>
- 24590-BOF-PCN-ENV-20-002: <https://pdw.hanford.gov/document/AR-14552> and <https://pdw.hanford.gov/document/AR-15031>
- 24590-HLW-PCN-ENV-20-002: <https://pdw.hanford.gov/document/AR-15159> and <https://pdw.hanford.gov/document/AR-16230>
- 24590-HLW-PCN-ENV-20-004: <https://pdw.hanford.gov/document/AR-13581> and <https://pdw.hanford.gov/document/AR-14598>
- 24590-LAB-PCN-ENV-20-001: <https://pdw.hanford.gov/document/AR-14458> and <https://pdw.hanford.gov/document/AR-15133>
- 24590-LAW-PCN-ENV-20-004: <https://pdw.hanford.gov/document/AR-12702> and <https://pdw.hanford.gov/document/AR-15017>
- 24590-WTP-PCN-ENV-20-003: <https://pdw.hanford.gov/document/AR-14572> and <https://pdw.hanford.gov/document/AR-15272>
- 24590-WTP-PCN-ENV-20-004: <https://pdw.hanford.gov/document/AR-14923> and <https://pdw.hanford.gov/document/AR-15508>

Part III, Integrated Disposal Facility (Operating Unit Group 11): This facility is an expandable, lined landfill located in Hanford's 200 East Area. The Integrated Disposal Facility will be used to dispose of vitrified (immobilized in glass) low-activity waste from Hanford's Waste Treatment and Immobilization Plant. Updates were made to Chapter 4A3, "Critical Systems Design Drawings." The tracking number for this modification is PCN-IDF-2021-01. The modification is available for review in the DOE Administrative Record at <https://pdw.hanford.gov/document/AR-16297>.

Part III, Waste Encapsulation Storage Facility (Operating Unit Group 14 and Closure Unit Group 6): This facility is located in Hanford's 200 East Area. This facility provides underwater storage of cesium and strontium capsules until they are transferred to the Capsule Interim Storage dangerous waste operating unit group. Changes were made to Addendum A for Operating Unit Group 14 and Closure Unit Group 6. Changes were made to Addendum G for Operating Unit Group 14. The modification tracking number is PCN-WESF-2021-02. The modification is available for review in the DOE Administrative Record at <https://pdw.hanford.gov/document/AR-16308>.

If you have any questions, please contact Tony McKarns, DOE, at (509) 376-8981, or Stephanie Schleif, Washington State Department of Ecology, at (509) 372-7974.